PATENT COOPERATION TREATY

PCT

TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference TY-F03029-00			ce	FOR FURTHER ACTION		See Form PCT/IPEA/416				
International application No.				International filing date (day/month/year)		Priority date (day/month/year)				
PCT/JP2004/017221				12.11.200	4	14.11.2003				
Internati	International Patent Classification (IPC) or national classification and IPC									
B60K41/00, 41/28, B60R16/02, B60T8/58, B62D6/00 // B62D101:00, 103:00, 111:00, 137:00										
Applicant TOYOTA JIDOSHA KABUSHIKI KAISHA										
This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.										
2.	This R	EPORT consists	of a total of _	3	sheets, including	g this cover sheet.				
3.	This r	eport is also accor	mpanied by Al	NNEXES, comprising:						
	a. 🛭	(sent to the	applicant and	to the International Bur	reau) a total of 4	sheets, as follows:				
	sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).									
	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental									
	. г	Box.								
	b	(sent to the	International I	Bureau only) a total of (indicate type and number	er of electronic carrier(s))				
	, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see									
				rative Instructions).	marcated in the Supple	emental box Relating to Sequence Listing (see				
4.	This re	eport contains ind	lications relation	ng to the following item	s:					
	\boxtimes	Box No. I	Basis of the	report						
	Ш	Box No. II	Priority							
		Box No. III	Non-establis	shment of opinion with	regard to novelty, inven	tive step and industrial applicability				
	Box No. IV Lack of unity of invention									
	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement									
Box No. VI Certain documents cited				uments cited						
		Box No. VII	Certain defe	cts in the international	application					
	<u>Ш</u>	Box No. VIII	Certain obse	ervations on the internat	ional application					
Date of	submiss	ion of the demand	d		Date of completion of th	nis report				
Name and mailing address of the IPEA/JP					Authorized officer					
Facsimile No.				'	Telephone No.					

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2004/017221

Box	No. I	I Basis of the report		
1.		th regard to the language , this report is based on the international icated under this item.	al application in the language in	which it was filed, unless otherwise
		This report is based on translations from the original language which is the language of a translation furnished for the purposition international search (Rule 12.3 and 23.1(b)) publication of the international application (Rule 12.4) international preliminary examination (Rule 55.2 and/or	ses of:	,
2.	rece	th regard to the elements of the international application, this release of the international application are response to an invitation under Article 14 are report): the international application as originally filed/furnished the description:	eport is based on (replacement s	
		pages 1,2,4-20		as originally filed/furnished
		pages*3,3/1	received by this Authority on	01.06.2005
		pages*	received by this Authority on	
	\boxtimes	the claims:		
		nos. <u>1-4</u>		as originally filed/furnished
		nos.*	as amended (togethe	r with any statement) under Article 19
		nos.* 5	received by this Authority on	01.06.2005
		nos.*	received by this Authority on	
	\boxtimes	the drawings:		
		sheets fig. 1-7D		as originally filed/furnished
		sheets*		
		sheets*		
		a sequence listing and/or any related table(s) – see Supplement		
3.		The amendments have resulted in the cancellation of:		
		the description, pages		
		the claims, nos.		
		the decision of the first		
4.		This report has been established as if (some of) the amendment they have been considered to go beyond the disclosure as file	nents annexed to this report and	listed below had not been made, since
		the description, pages		
		the claims, nos.		
		the sequence listing (specify):		
		any table(s) related to sequence listing (specify):		
*	If ite	em 4 applies, some or all of those sheets may be marked "super	rseded."	

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2004/017221

Box No. V				ticle 35(2) with regard to novelty, inventive step or industrial applicability; sporting such statement	
1.	Statement				
	Novelty (N) Clair		Claims	1-5	_ YES
			Claims		_ NO
Inventive step (IS)		Claims	1-5	YES	
			Claims		_ NO
	Industrial applicability (IA)		Claims	1-5	_ YES
			Claims		_ NO

- 2. Citations and explanations (Rule 70.7)
 - Document 1: JP 2003-175749 A (Toyota Motor Corp.), 24 June 2003
 - Document 2: JP 6-099796 A (Toyota Motor Corp.), 12 April 1994
 - Document 3: JP 11-348753 A (Toyota Motor Corp.), 21

 December 1999

The inventions set forth in claims 1 to 5 are not disclosed in any of the documents that are cited in the international search report, and would not have been obvious to a person skilled in the art.